



# Carpentry

## Merit Badge Workbook

This workbook can help you but you still need to read the [merit badge pamphlet](#) and [additional new information for this merit badge](#).

No one can add or subtract from the Boy Scout Requirements #33216. Each Scout must do each requirement.

Merit Badge Workbooks and more: [Online Resources](#).

Send comments to the workbook developer: [craig@craiglincoln.com](mailto:craig@craiglincoln.com). Requirements issued: 04/1/10, Workbook updated: 04/10.

Scout's Name: \_\_\_\_\_ Unit: \_\_\_\_\_

Counselor's Name: \_\_\_\_\_ Counselor's Ph #: \_\_\_\_\_

1. Demonstrate the use of the rule, \_\_\_\_\_  
square, \_\_\_\_\_  
level, \_\_\_\_\_  
plumb-line, \_\_\_\_\_  
mitre, \_\_\_\_\_  
chalk-line \_\_\_\_\_  
and bevel. \_\_\_\_\_
2. Demonstrate the proper way to drive, set, and clinch a nail, \_\_\_\_\_  
draw a spike with a claw-hammer, \_\_\_\_\_  
and to join two pieces of wood with screws. \_\_\_\_\_
3. Show correct use of the cross-cut saw \_\_\_\_\_  
and of the rip-saw. \_\_\_\_\_
4. Show how to plane the edge, end and the broad surface of a board. \_\_\_\_\_
5. Demonstrate how to lay shingles. \_\_\_\_\_
6. Make a simple article of furniture for practical use in the home or on the home grounds, finished in a workmanlike manner, all work to be done without assistance. \_\_\_\_\_

### Notes

These are the original requirements written in 1911. Think about how times have changed as you complete the requirements a Scout your age would have done a hundred years ago. Can you imagine a life without power tools? Long before manufacturing, everything was made by hand. Craftsmen developed their skills to become a master. The final test was the production of a great piece called a masterpiece. A hundred years ago there was no such thing as handheld power tools. To get the most of this merit badge, we suggest doing it the old-fashioned way with good, old-fashioned hand tools.

### Attention

Think safety first by using the appropriate clothing and ALWAYS using safety equipment such as eye and ear protection and gloves as appropriate. Always work under the direct supervision of a responsible adult who is knowledgeable about the tools and materials you plan to use. For more information about safety with tools, see the Home Repairs and Woodwork merit badge pamphlets.

These tools are very important for planning your project. A wrong angle or crooked line could keep the project from being assembled properly. Perhaps you have heard your grandfather say, "Always measure twice and cut once." Since it took considerable physical effort to saw a board, can you understand the importance of good preparation?

**Online Resources:** *(Use any Internet resource with caution and only with your parent's or guardian's permission.)*

Boy Scouts of America: ► [scouting.org](http://scouting.org) ► [Guide to Safe Scouting](#) ► [Age-Appropriate Guidelines](#) ► [Safe Swim Defense](#)  
► [Scout](#) ► [Tenderfoot](#) ► [Second Class](#) ► [First Class](#) ► [Rank Videos](#) ► [Safety Afloat](#)

Boy Scout Merit Badge Workbooks: [BSA Troop 780](#) -or- [usscouts.org](http://usscouts.org) -or- [meritbadge.org](http://meritbadge.org) Merit Badge Books:  
[www.scoutstuff.org](http://www.scoutstuff.org)

### Requirement Resources

See: <http://meritbadge.org/wiki/index.php/Carpentry> for these links and more.

The Boy Scouts of America have published a reference guide that shows details and diagrams for each requirement:

[http://www.scouting.org/filestore/pdf/historic\\_carpentry\\_new.pdf](http://www.scouting.org/filestore/pdf/historic_carpentry_new.pdf)

Original Carpentry Merit Badge book: [http://www.scouting.org/filestore/pdf/Pathfinding\\_MBP\\_Historical.pdf](http://www.scouting.org/filestore/pdf/Pathfinding_MBP_Historical.pdf)

Woodwork Merit Badge has many project ideas as well: See: <http://meritbadge.org/wiki/index.php/Woodwork>

### General Resources